

MODEL-TO-MAJOR ASSEMBLY CROSS REFERENCE

KEY TO MAJOR ASSEMBLIES

C1 – Cinch Block Dummy (21120230)	I1 – IR Interface (2112023A)
D1– DVD Player	K1 – KeyBoard (21120210)
E1 – E/W Correction (21120230)	S1 – Sound Compressor (21120230)
G1 – Gemstar (21146070)	

CROSS REFERENCE

MODEL/ SERVICE NO.	CHASSIS	MAJOR ASSEMBLIES
BD20TF10	TVD809	D1, E1, G1, I1, K1, S1
F19426	TX809	C1, G1
F19436	TX809	C1, G1
F20TF10	TX809	C1, E1, G1, S1

SPECIFICATIONS (Subject to change without notice)

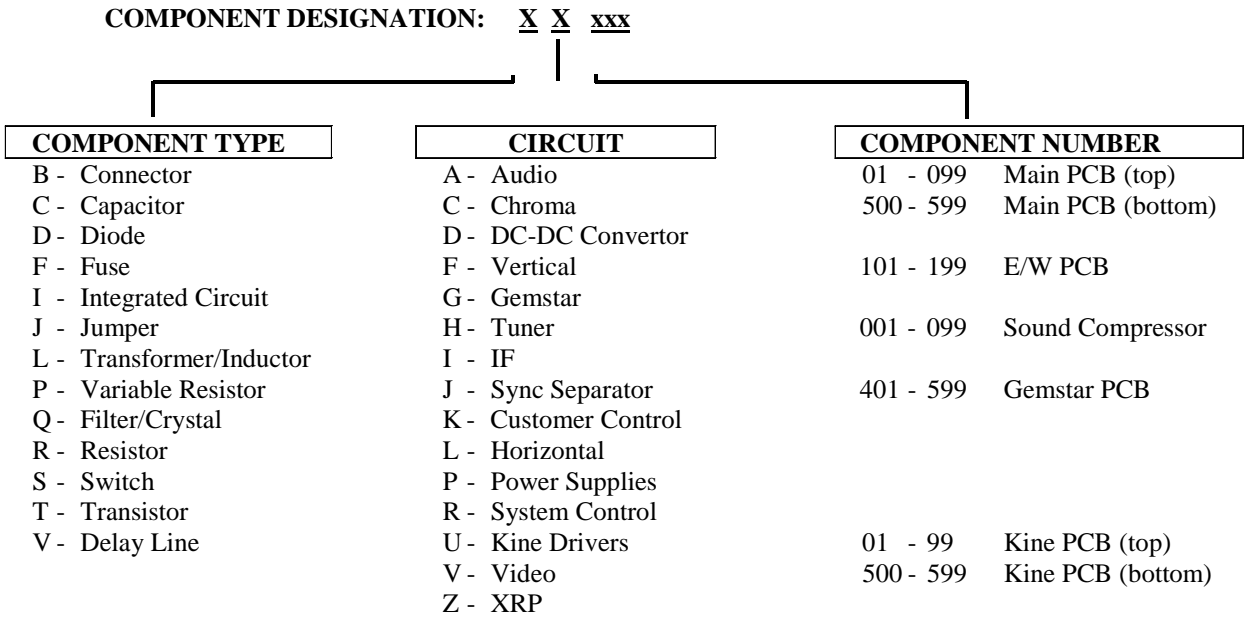
Power Input:	120 Volts AC 60Hz
Power Consumption:	Maximum @ 120VAC 24 watts

Circuit Protection

Fusible Device	Circuit Protected	Physical Location
FP01 (2.5A, 250V)	AC Input	Power Supply PCB, Right Front Chassis

COMPONENT NUMBERING SYSTEM

Serviceability of this chassis is enhanced by road mapping on the top and bottom of the circuit boards. In addition components are generally marked as to their circuit. The operation and features of the "TX" chassis is similar to the "CTC" series chassis. However the component numbering system is slightly different than in the past. The component numbering for the "TX" chassis reflects the component’s type and use as to the general circuit areas it is used. The component labeling system is described below:









EXAMPLES:

- TP20 - Transistor, Power, 20 (number, top side of Main PCB)
- RA543 - Resistor, Audio, 543 (number, bottom side of Main PCB)
- CF07 - Capacitor, Vertical, 07 (number, top side of Main PCB)
- IR501 - Integrated Circuit, System Control, 501 (number, bottom side of Main PCB)

SCHEMATIC NOTES

- Resistor values are in ohms (R = 1, K = X1,000; Meg = X1,000,000). Tolerance is 5%, unless otherwise specified.
Example: 1R5 = 1.5 ohm, 270R = 270 ohm, 2K7 = 2700 ohm, 1M5 = 1500000 ohm
- Capacitor values 1.0 and above are in picofarads; values less than 1.0 are in µF, unless otherwise specified.
- DC voltages measured with NTSC color bar signal applied (via RF channel 3), except for audio voltages, which are measured with MTS stereo 1KHz signal applied. Voltages in parentheses () indicate standby mode.
- Waveforms measured with NTSC color bar signal applied (via RF channel 3), except for audio waveforms, which are measured with MTS stereo 1KHz signal applied.
- Special symbols:

<>	indicates schematic zone locator		indicates service test point
■	indicates wire-wrap stake		indicates connection via point-to-point wire
	indicates jumper wire (top side)		indicates zero ohm chip (bottom side)
	indicates "hot" ground		indicates "cold" ground